

David Garrett & Associates

Engineering and Geology

August 19, 2008

Ms. Donna Wilson
Environmental Engineer
NC DENR Division of Waste Management
Solid Waste Section
1646 Mail Service Center
Raleigh, North Carolina 27699-1646



Re: Response to Comments for Permit Application
Burnt Poplar C&D Transfer Station
Greensboro, Guilford County, North Carolina
Permit No. 41-xxT (P1171)

Dear Ms. Wilson:

On behalf of MRR Southern, LLC, Burnt Poplar Transfer, LLC and WCA Waste Systems, Inc., I am pleased to offer the following responses to your review letter dated August 13, 2008. Please refer to the "redline" draft of the Application document (attached) and the finalized "black" version. Please also refer to other attachments you requested in your letter. Once we have discussed these items in person (scheduled for August 19, 2008), I will submit pdf versions of the changes. An item-by-item response to your letter follows, which directs your attention to the specific amendments.

1. Section 2 – The transfer station should not accept waste originating from commercial and industrial projects, unless it meets the definition of C&D waste in the .0532 rules, or if the landfill has been approved to accept industrial waste, in accordance with .0542(e)(4). The facility should not accept waste from non-C&D waste streams.

Please see Section 2, Paragraph 1.

2. Section 2 – Typo – The text should not say that the site will receive asbestos waste.

Please see Section 2, Paragraph 1.

3. Section 2 indicates that recyclables will include metals, cardboard, wood waste, soil, masonry, sheetrock, and/or beneficial fill. Section 3.3 indicates that only metals and cardboard will be recycled. Please clarify.

Section 3.3 has been amended to say "metals, cardboard, wood waste;" Section 2 Paragraph 3 has amended to say the same.

4. Section 3.8 – C&D waste shouldn't be stored at the site for up to 7 days. Storage should be no more than 24 hours, except 48 hours for a weekend, or 72 hours for a holiday weekend.

Please see revisions to Section 3.8.

5. Section 3.8 – What is the end of each shift that the wastes and recyclables will be removed? All waste should be sorted and stored at the end of each operating day. Storage containers should be covered at the end of every operating day and during rain events.

The words "end of shift" in Section 3.8 have been changed to "end of operating day" (which is what was meant by that term). Please refer to amendments to Section 3.5, which outline a program to protect the wastes from precipitation; also refer to amendments to Section 3.8 regarding covering of waste storage containers.

6. Please provide a copy of the information provided to the Greensboro DOT for the expected traffic.

Please see the attached documents from Chris Roof, General Manager of MRR, which confirms the traffic count provided to NC DOT. These documents have been scanned into pdf's and may be included in Appendix 1 of the Application.

7. It is planned to issue the permit including Hilltop Properties, LLC as landowner, in addition to the other owner/operator entities. If the property is to be sold after permit issuance, the permit would have to be modified to include the new landowner on the permit (if different from the owner/operator) and the new deed information included in the permit. Also, revised pages indicating the new landowner, contact information, and deed information would be necessary to the approved operating plan. Alternatively, if the property is to be sold at the time of (just prior to) permit issuance, we could add the new landowner information to the permit before the permit is issued, and modify the operating plan, but we would not hold up the permit issuance for an indefinite time. The permit has to be recorded at the register of deeds, with the correct landowner information, before the permit is valid.

The current and potential Owners understand this is a complicated issue. These parties are waiting for issuance of a "draft" permit, after which the real estate transaction can be completed and final permitting with the City of Greensboro can commence. Prior to completion of the facility, hence before Operations begin, an updated deed with final ownership information will be provided. It is understood that the permit must be recorded at the register of deeds to validate the permit.

8. Provide a copy of the FEMA Flood Insurance floodplains map for the area, with the site property marked on the map.

Please see the attached – the map will be provided as a pdf for inclusion in Appendix 1 of the Application.

9. Please clarify in the operations plan if demolition debris will be sorted and recycled. If it will, submit documentation of compliance with requirements of the Health Hazards Control Unit of the Division of Public Health, Department of Health & Human Services, regarding acceptance, storage, processing, and removal of asbestos or suspected asbestos containing material/waste. Contact Mr. Jeff Dellinger, at phone 919-707-5950, or jeff.dellinger@ncmail.net and provide copy of correspondence/approval.

Please see Section 2, Paragraph 3, which states that demolition debris will be considered for sorting and recycling. Also please see Section 2, Paragraph 1, which describes how asbestos containing materials will be kept out of the facility. All major demolition jobs must acquire a NCHHU accreditation number. The Operator will check for the accreditation of any suspicious loads, if there is no accreditation number, indicating that a survey for asbestos was completed, the load will be rejected. It is the intention of the Operator (WCA) to exclude asbestos – Section 3.4 states that asbestos-containing loads will be directed to another facility.

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10. Include the storage size of each recyclable. What is the maximum amount of each waste and recyclable material that will be stored onsite at any time? What is the combined volume of the maximum amount of wastes and recyclable material that will be stored on the property at any time? Describe the method for ensuring that 100% of the recyclable material will be processed and removed for the facility within one year of receipt.

Please refer to new Section 3.10.

11. Describe plan for handling waste loads that contain unacceptable waste, including MSW waste. Unacceptable waste must not be added to C&D waste that will be transported to a C&D landfill. Describe storage of the unacceptable waste and the frequency of removal of the waste (at least weekly).

Section 2, Paragraph 2 describes how roll-off boxes will be placed near the tipping area, into which unacceptable materials (including MSW?) will be placed; the roll-off boxes will be taken to the nearby City of Greensboro MSW transfer station.

12. Describe plan for operation of the facility in wet weather. If the facility is to operate during precipitation events, the tipping pad area must be sheltered from precipitation. It is preferred, but not required, that the tipping floor area be covered for all operations.

A plan has been devised to cease operations and to protect the waste in the tipping and sorting area in the event of rain – please refer to Section 3.5.

13. Section 3.8 - Wet or muddy waste should not be left out overnight. All waste should be placed in containers by the end of each day.

Section 3.8 has been amended to address this comment.

14. Describe recordkeeping of outgoing recyclables and waste (tonnages of each type of recyclable material sent to markets, tonnages of waste sent to a disposal facility, and any other disposition).

Please refer to Section 3.9 and 3.10. Outgoing loads of recyclables will be weighed and recorded. The market destination will be identified. It is in the interest of the Operator to keep track of these loads in the interest of collecting payment for the sales of the recyclable materials.

15. What is the status of the erosion control/grading permit and the stormwater permit? What is the status of the certification of evaluation of non-storm water discharges (App. 4B)?

The erosion control/grading permit has not been submitted – this activity is awaiting a permit (or a draft permit) to construct from the Solid Waste Section. The building permit involves many construction details outside the normal purview of the SWS that will be presented to the City of Greensboro for approval, e.g., utilities and details on the scale house. Upon completion of the construction, a set of “as-built” drawings will be provided to the SWS.

The NPDES application has been submitted to NCDENR Division of Water Quality under a General Permit category; a certificate of coverage has not been issued as of this writing. Once the certificate is in hand, a copy will be forwarded to the SWS.

16. Financial assurance documentation in accordance with N.C. G.S. 130A-294 (b2) is required for all permits. Please submit a cost estimate (to be added to the application) equal to the cost to hire a third party to remove, cleanup, haul and dispose of the maximum amount of materials (waste and recyclables) that the facility plans to store onsite (see comment 10 above) plus 5 days worth of transfer station incoming volume. This is required in the event of site abandonment or if the site is found to be in substantial non-compliance with state requirements. (Note: The facility be may be considered in substantial non-compliance if it is found storing more materials on site, (waste and recyclables) than the facility’s operations plan and/or the facility’s financial assurance mechanism covers.) The submittal of the financial assurance instrument will be a condition of the permit.

Please see new Section 3.10 of the Application.

17. Please provide a drawing that shows the ground cover over the site (concrete, natural ground, asphalt, etc.), waste loading and unloading area, tipping floor and sorting area, storage areas indicating recyclable and waste type, and distances to wells, residences, wetlands, and water bodies. All sides of storage areas for flammable materials/waste should be clear and drivable, to provide vehicular access in the event of a fire.

Please see the replacement drawings S2 General Facility Plan and S6 Storm Water Plan, which were amended to remove discrepancies regarding ground cover.

This concludes our response to the Division of Waste Management's comments. Please contact me if you have further questions.

Cordially yours,


G. David Garrett, P.G., P.E.
Project Engineer

cc: Chris Roof, General Manager – MRR Southern
Vernon Smith, Regional Vice President – WCA Waste Systems

Attachments: 1 Correspondence from Mr. Roof to NCDOT Division 7
2 FEMA Flood Map
3 Redline Text (Amended Operations Plan)
4 Finalized Operations Plan text